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L.M.

Patent

Attorney's Docket No. 018414-060

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) Attention: **Drafting Branch**
Jang F. CHEN, et al.)
Application No.: 08/149,122) Allowed: January 10, 1994
Filed: November 3, 1993) Batch: U09
For: METHOD FOR IMPROVED LITHO-) Group Art Unit: 1503
GRAPHIC PATTERNING IN A)
SEMICONDUCTOR FABRICATION) Examiner: T. MOSLEY
PROCESS)

SUBMISSION OF FORMAL DRAWINGS

Box Issue Fee
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSMAN

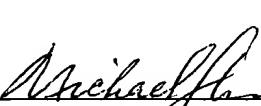
Sir:

Enclosed please find 7 sheet(s) of formal drawings for review by the Patent and Trademark Office in connection with the Notice of Allowance mailed January 10, 1994. Should the enclosed drawings require changes, it is respectfully requested that the Patent and Trademark Office notify the undersigned attorney of same.

Respectfully submitted,

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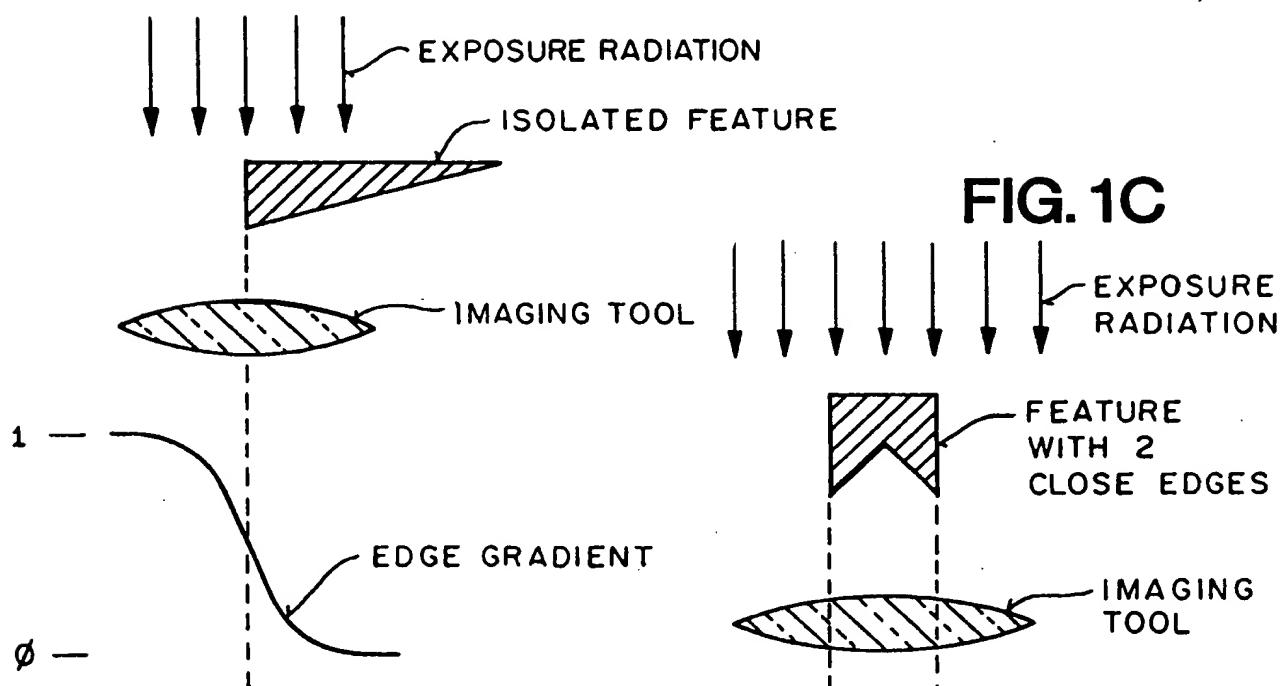


FIG.2A

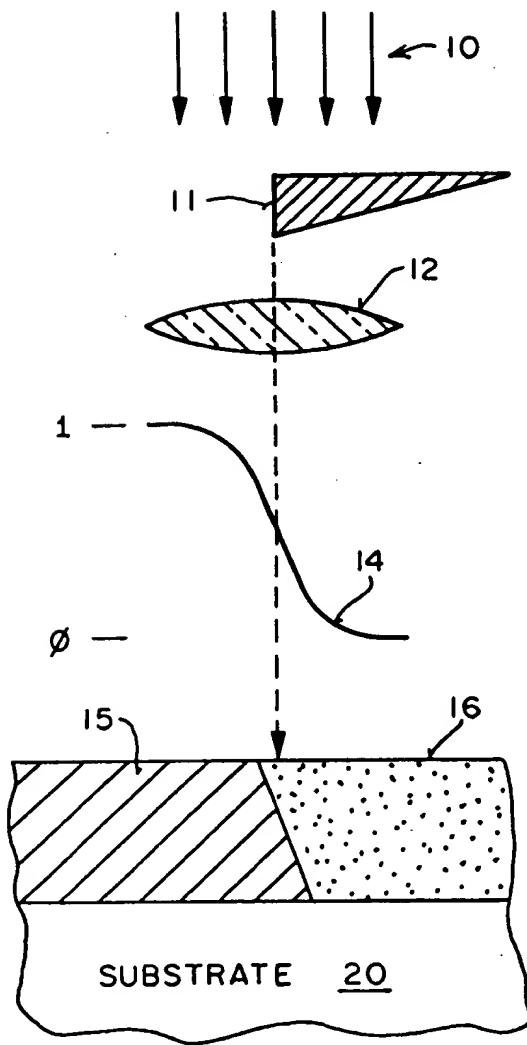


FIG.2B

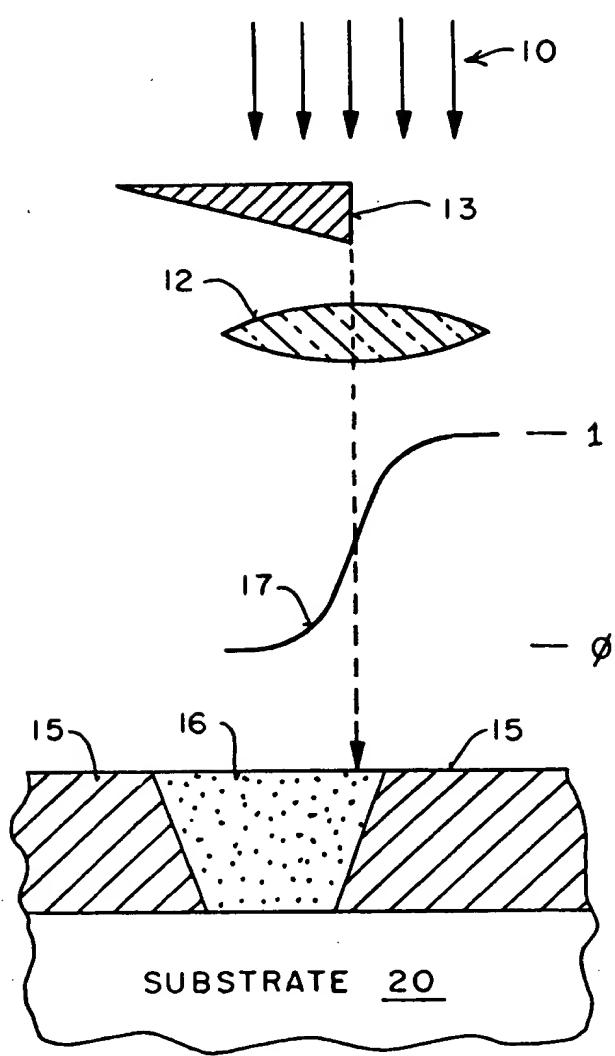


FIG.2C

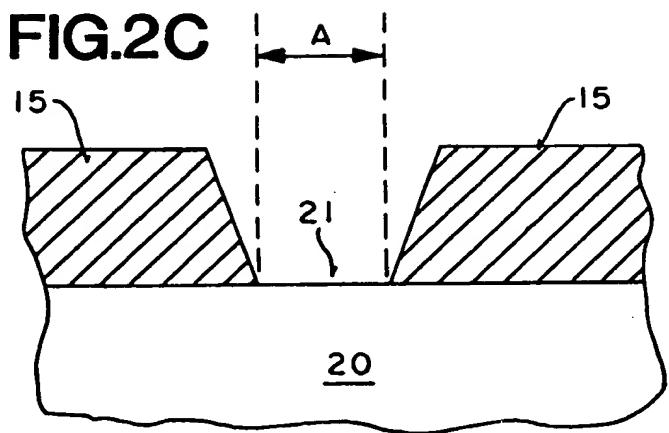
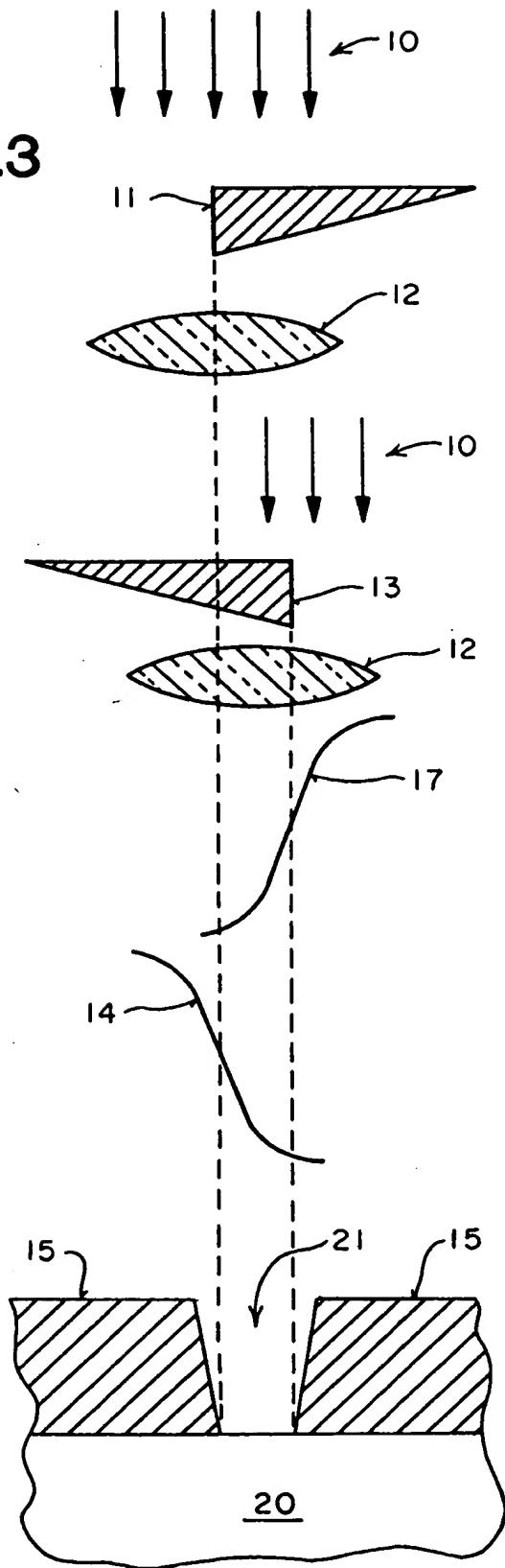


FIG.3



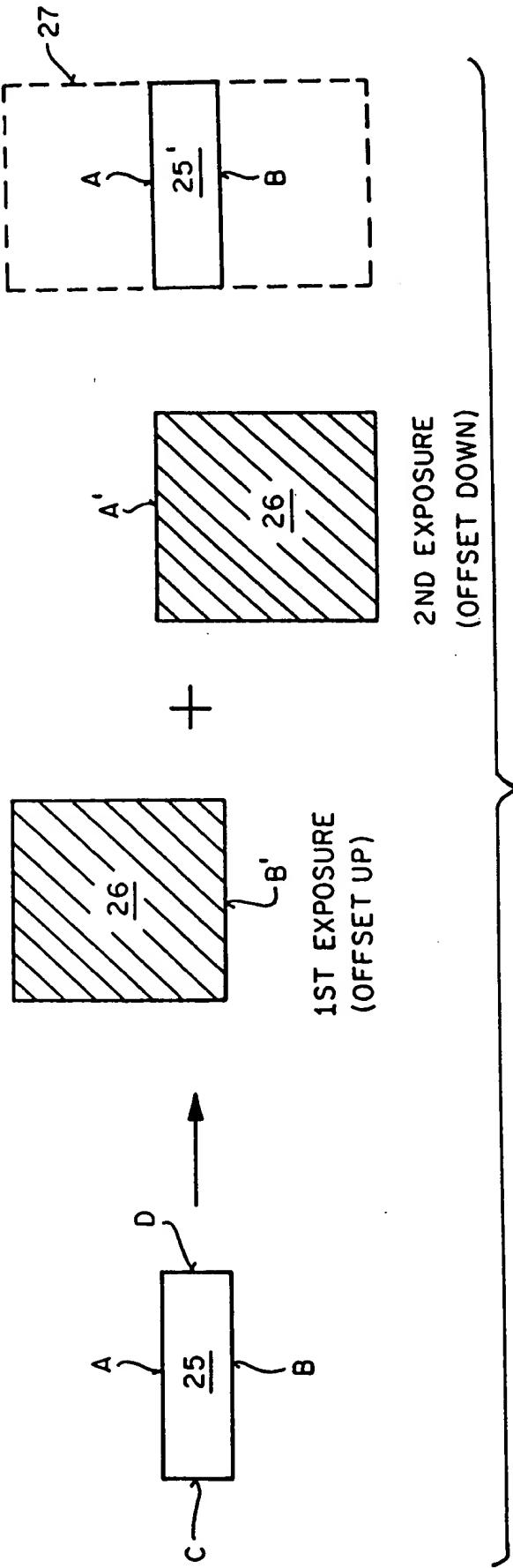


FIG.4

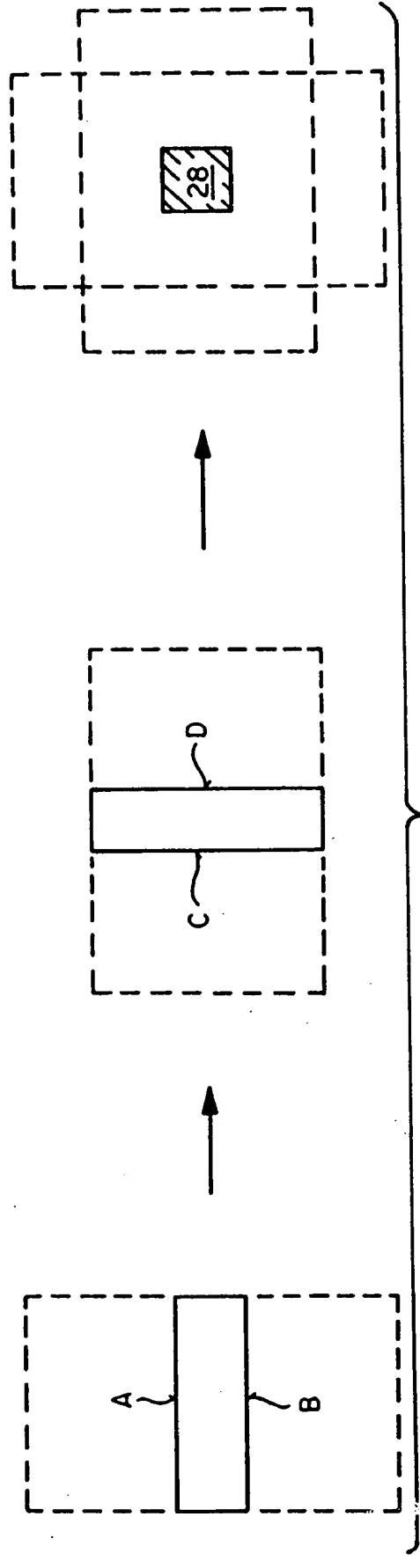
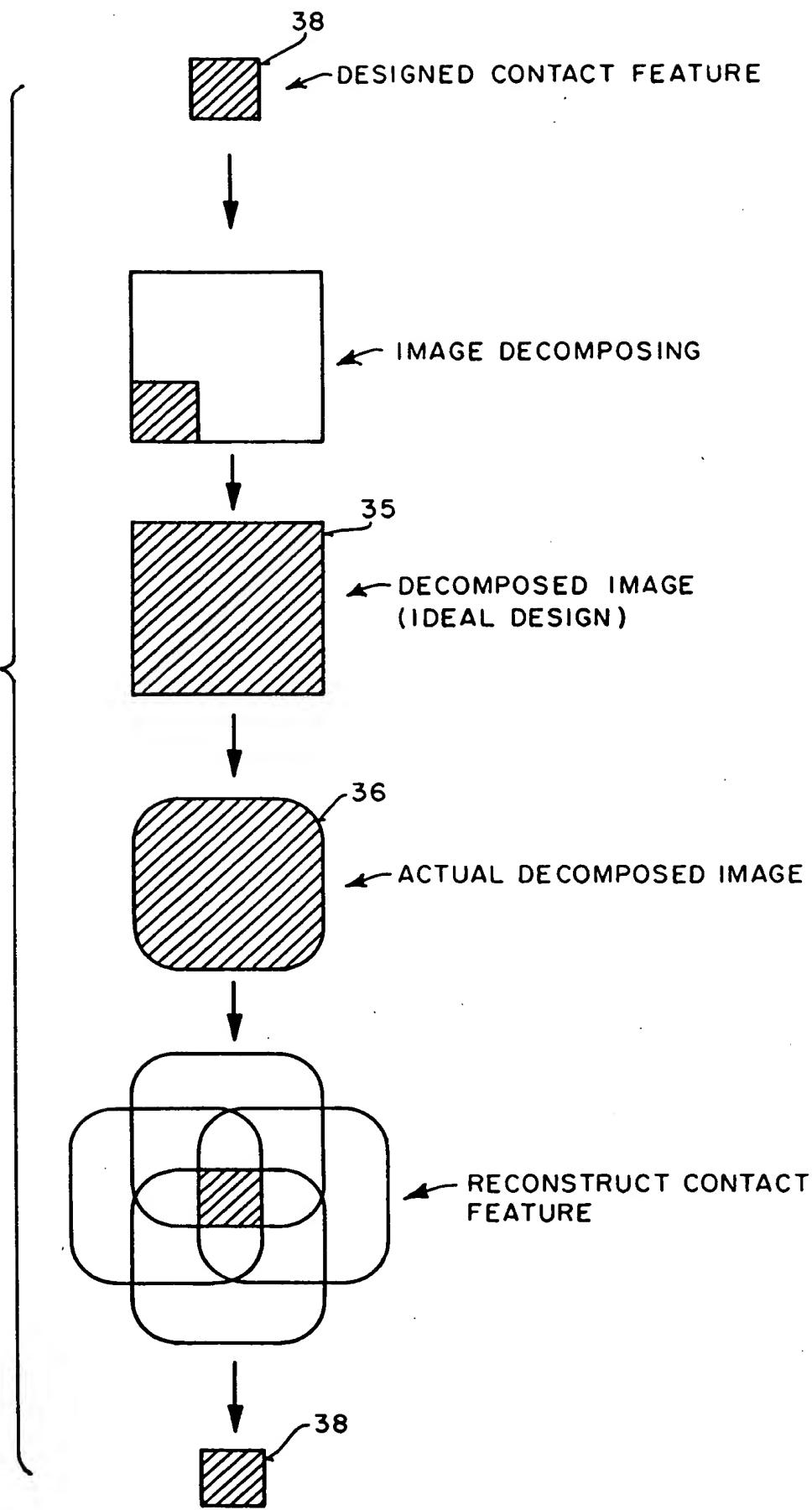
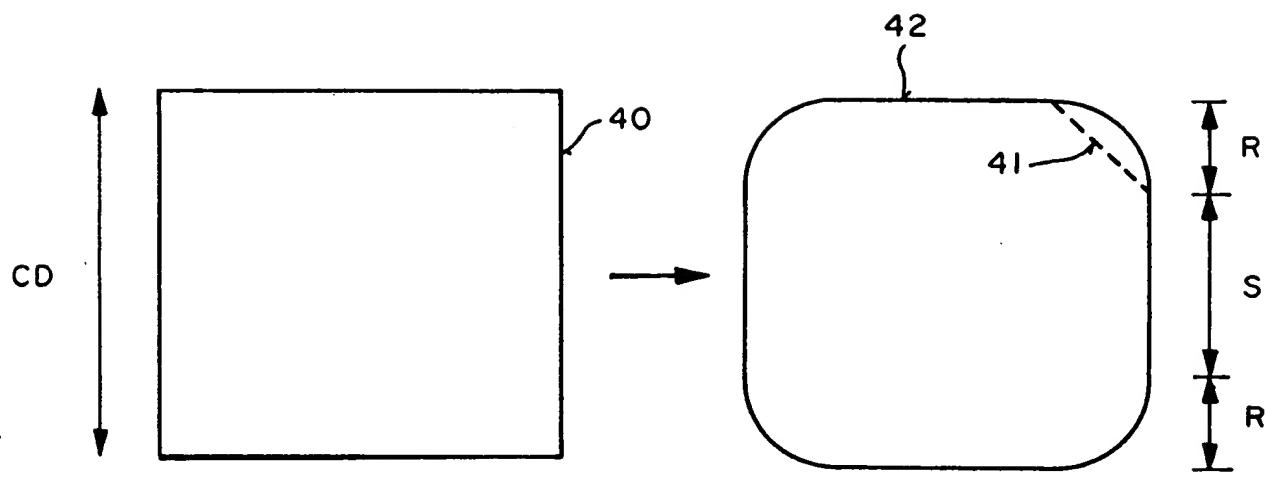


FIG.5

FIG.6

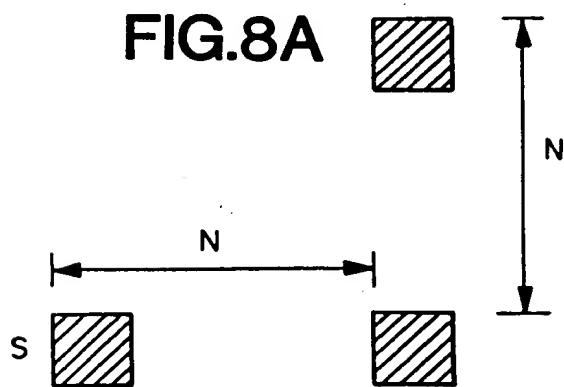




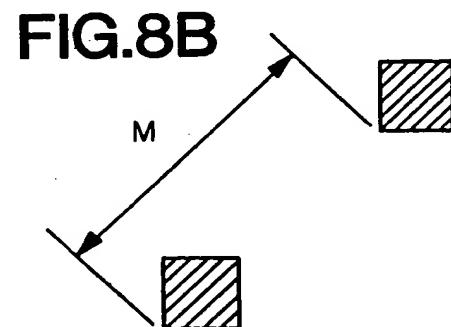
$$R = \frac{\lambda}{2NA}$$

$$S = CD - \left(\frac{\lambda}{NA} \right)$$

FIG.7



$$N = S + \left(\frac{\lambda}{NA} \right)$$



$$M = \sqrt{2} \left(\frac{\lambda}{NA} \right)$$

FIG.9

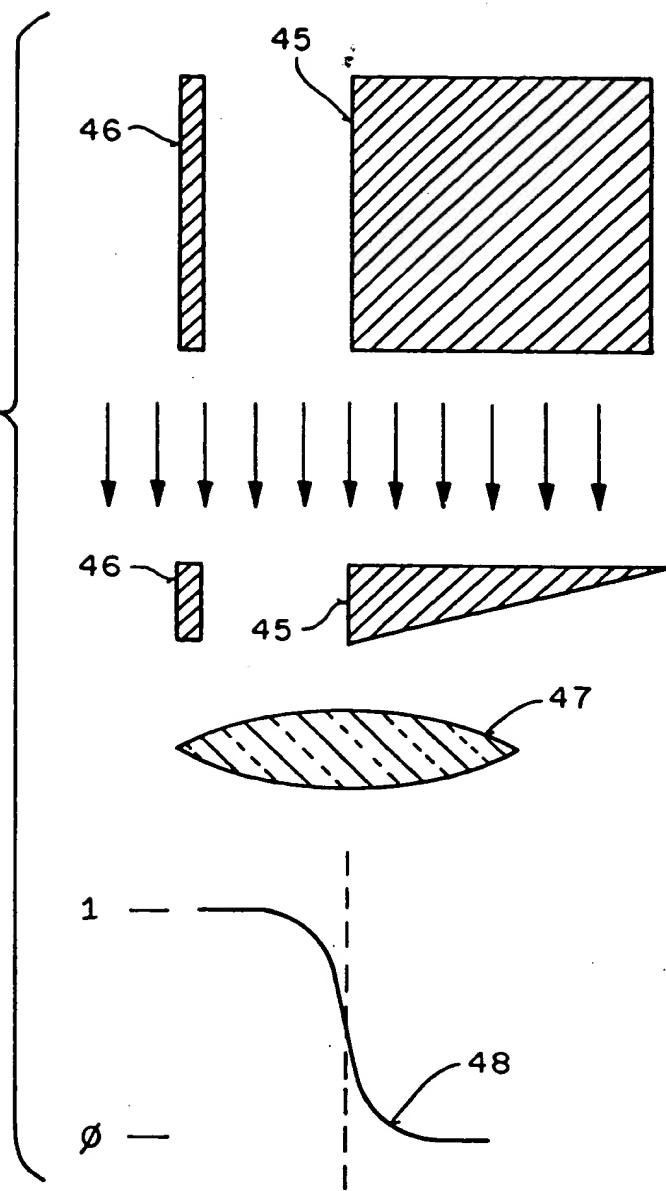


FIG.10

